

INTERTEK TEST REPORT NO. 3088121
REPORT DATE: December 2, 2005
CLIENT: Cartridge Fireplace Company, LLC
12 West Willow Grove Avenue #165
Philadelphia, PA 19118
Product: Alcohol Gel Cartridge

PAGE 1 of 1

INTRODUCTION

Intertek Testing Services NA Inc. of Middleton, Wisconsin, evaluated the Alcohol Gel Cartridge to section 2.4.2 of ANSI Z21.11.2-2000. The evaluation was conducted on December 2, 2005.

PROCEDURE

The Alcohol Gel Cartridge has been evaluated to section 2.4.2 of ANSI Z21.11.2-2000 to determine the carbon monoxide concentration when placed in a 10' x 10' x 10' sealed room. The Alcohol Gel Cartridge cannot exceed a carbon monoxide concentration of 250 ppm. The cartridge was lit and placed in the room with the door open and allowed to ventilate for 15 minutes. After 15 minutes, the room was then sealed and allowed to burn until either the flame extinguished or the oxygen concentration dropped to within .5% of the calculated oxygen percentage based off of the temperature and barometric pressure.

RESULTS

The test on the Alcohol Gel Cartridge was completed when the fuel was consumed and the flame extinguished. At the conclusion of the test, the oxygen concentration was 19.47%, the calculated oxygen concentration was 15.83% (based off of the room temperature of 83°F and 30.07 inches of mercury), and the carbon monoxide concentration in the room was 16 ppm, which is well below the limit of 250 ppm.

Brian

EvaluatecUand reported by:


egler

Engineering
Technician

Rick Curkeet
Chief Engineer
Reviewed by:



This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to copy or distribute this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

Intertek Testing Services NA, Inc.

8431 Murphy Drive, Middleton, WI 53562 Telephone: 608-836-

4400 Fax: 608-831-9279 Web: www.intertek-etlsemko.com

